Author Index

Ball, A.	Systems integration in maintenance engineering	79–95
Bradley, M. S. A.	The characteristics of rotary feeders used for the flow control of particulate materals	43–52
Bradley, M. S. A.	Effects of the properties of bulk solids on the relative performance of polyethylene and stainless steel wall lining materials in mass flow hoppers and other applications	53–62
Bradley, M. S. A.	A simple analytical model for estimating air leakage through rotary valves	185–196
Bradley, M. S. A.	Segregation of binary mixtures of particles during the filling of a two-dimensional representation of a hopper	197–208
Bradley, M. S. A.	Pneumatic conveying of abrasive bulk solids at Anglesey Aluminium Metals Limited: four case studies	233–243
Bingley, M.	Effects of the properties of bulk solids on the relative performance of polyethylene and stainless steel wall lining materials in mass flow hoppers and other applications	53–62
Burne, C.	Pneumatic conveying of abrasive bulk solids at Anglesey Aluminium Metals Limited: four case studies	233–243
Burnett, A. J.	Segregation of binary mixtures of particles during the filling of a two-dimensional representation of a hopper	197–208
Bush, S. F.	Scale, order and complexity in polymer processing	217–232
Craighead, I. A.	Reduction in machine noise and vibration levels based on the statistical energy analysis method	147–155
Cui, D.	Reduction in machine noise and vibration levels based on the statistical energy analysis method	147–155
Di Felice, R.	Dynamic measurements of particle concentration in solid–liquid slugging suspensions	209–215
Ebrahimi, M.	Process system regulation with minimum control effort	245–256
Faram, M. G.	Performance and flow characterization studies of a vortex slurry transportation unit	257–269
Farnish, R. J.	Effects of the properties of bulk solids on the relative performance of polyethylene and stainless steel wall lining materials in mass flow hoppers and other applications	53–62
Farnish, R. J.	A simple analytical model for estimating air leakage through rotary valves	185–196
Farnish, R. J.	Segregation of binary mixtures of particles during the filling of a two-dimensional representation of a hopper	197–208
Fossa, M.	Dynamic measurements of particle concentration in solid–liquid slugging suspensions	209–215
Golay, M. W.	Incorporation of modern on-line spectral condition monitoring for operational availability improvement of reactor coolant pumps	123–130
Gomm, J. B.	Diagnosis of process faults with neural networks and principal component analysis	131–143
Goode, K. B.	Plant machinery working life prediction method utilizing reliability and condition-monitoring data	109–122
Hemetian, J.	Initial imperfections and the initiation of wrinkling in finite element modelling of deep drawing	63–73
Hsieh, M. F.	Nozzles in the knuckle region of a torispherical head: stress levels and load interaction effects	31–41
Ipenz, M.	Preliminary determination of basic dimensions for an axial flow pump	173–183
Kang, C. W.	Incorporation of modern on-line spectral condition monitoring for operational availability improvement of reactor coolant pumps	123–130
Khor, T. H.	Outdoor testing of evacuated-tube heat-pipe solar collectors	23–30
Lee, G.	Effects of the properties of bulk solids on the relative performance of polyethylene and stainless steel wall lining materials in mass flow hoppers and other applications	53–62
Lyons, G. J.	Offshore technology—advances at the dawn of the new millennium reviewed from a UK perspective	1–21
Mistry, J.	Nozzles in the knuckle region of a torispherical head: stress levels and load interaction effects	31–41
Moffat, D. G.	Nozzles in the knuckle region of a torispherical head: stress levels and load interaction effects	31–41
Moore, J.	Plant machinery working life prediction method utilizing reliability and condition-monitoring data	109–122
Najar, A. M.	Enhanced oil recovery using the rotating-disc skimmer	271–282
Ng, K. C.	Outdoor testing of evacuated-tube heat-pipe solar collectors	23–30
O'Doherty, T.	Performance and flow characterization studies of a vortex slurry transportation unit	257–269

© IMechE 2000

Pittman, A. N.	The characteristics of rotary feeders used for the flow control of particulate materals	43–52
Pittman, A. N.	Effects of the properties of bulk solids on the relative performance of polyethylene and stainless steel wall lining materials in mass flow hoppers and other applications	53–62
Pittman, A. N.	A simple analytical model for estimating air leakage through rotary valves	185–196
Rajan, B. S.	Condition-based maintenance: a systematic method for counting the cost and assessing the benefits	97–108
Read, A. R.	The characteristics of rotary feeders used for the flow control of particulate materals	43–52
Reed, A. R.	A simple analytical model for estimating air leakage through rotary valves	185–196
Rogers, J.	A simple analytical model for estimating air leakage through rotary valves	185–196
Roylance, B. J.	Condition-based maintenance: a systematic method for counting the cost and assessing the benefits	97–108
Roylance, B. J.	Plant machinery working life prediction method utilizing reliability and condition-monitoring data	109–122
Salter, G. F.	Segregation of binary mixtures of particles during the filling of a two-dimensional representation of a hopper	197–208
Starr, A.	Systems integration in maintenance engineering	79–95
Syred, N.	Performance and flow characterization studies of a vortex slurry transportation unit	257–269
Turner, J. T.	Enhanced oil recovery using the rotating-disc skimmer	271–282
Vicatos, G.	Experimental investigation on a three-fluid absorption refrigeration machine	157–172
Weerasinghe, M.	Diagnosis of process faults with neural networks and principal component analysis	131–143
Whalley, R.	Process system regulation with minimum control effort	245–256
Wild, P. M.	Initial imperfections and the initiation of wrinkling in finite element modelling of deep drawing	63–73
Williams, D.	Diagnosis of process faults with neural networks and principal component analysis	131–143
Yap, C.	Outdoor testing of evacuated-tube heat-pipe solar collectors	23–30
Zaher, M. A.	Preliminary determination of basic dimensions for an axial flow pump	173–183

© IMechE 2000